

PTO/SB/08A (08-03)

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known	
		Application Number	10/810,350
		Filing Date	March 26, 2004
		First Named Inventor	Hansen, Carl L.
		Art Unit	1732
		Examiner Name	Unassigned
Sheet 1	of 8	Attorney Docket Number	20174C-004960US

U.S. PATENT DOCUMENTS+					
Examiner Initials ¹	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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RK	68	WO	99/00655	A	01-07-1999	Immunetics		

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RK	143	WASHIZU et al., "Molecular Dielectrophoresis of Biopolymers," <u>IEEE Transactions on Industry Applications</u> , 30(4):835-843 (1994).		
RK	144	WU et al., MEMS Flow Sensors for Nano-Fluidic Applications, <u>Sensors and Actuators A</u> 89, 2001, pp 152-158.		
RK	145	XIA et al., "Complex Optical Surfaces Formed by Replica Molding Against Elastomeric Masters," <u>Science</u> , 273:347-349 (1996).		
RK	146	XIA et al., "Micromolding in Capillaries: Applications in Material Science," <u>J. American Chemical Society</u> , 118:5722-5731 (1996).		
RK	147	XIA et al., "Micromolding of Polymers in Capillaries: Applications in Microfabrication," <u>Chemistry of Materials</u> , 8(7):1558-1567 (1996).		

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.
60238277 v1

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/810,350
				Filing Date	March 26, 2004
				First Named Inventor	Hansen, Carl L.
				Art Unit	1732
				Examiner Name	Unassigned
Sheet	8	of	8	Attorney Docket Number	20174C-004960US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RK	148	XIA et al., "Soft Lithography," <u>Angew. Chem. Int. Ed.</u> 37:551-575 (1998).	
RK	149	XP-002149046, Ullmann's Encyclopedia of Industrial Chemistry, Sixth Edition, 1999 Electronic Release, 6 pages.	
RK	150	YANG et al., "A MEMS Thermopneumatic silicone Membrane Valve," <u>Proceedings of the IEEE 10th Annual Workshop of Micro Electro Mechanical Systems Workshop (MEMS '97)</u> , held 1/26-30/97 in Nagoya, Japan, pages 114-118 (1997).	
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RK	152	YAZDI et al., "Micromachined Inertial Sensors," <u>Proceedings of IEEE</u> , 86(8):1640-1659 (1998).	
RK	153	YOUNG et al., "Contoured elastic-membrane microvalves for microfluidic network integration," <u>J. Biomechanical Engineering</u> , 121:2-6 (1999).	
RK	154	ZENGERLE et al., "A Micro Membrane Pump with Electrostatic Actuation," <u>1992 IEEE Conf. on Micro Electro Mechanical Systems</u> , held 2/4-7/92 in Travemunde Germany, pgs. 19-24.	
RK	155	ZENGERLE et al., "Performance Simulation of Microminiaturized Membrane Pumps," from 7th International Conference on Solid-State Sensors and Actuators held 6/7-10/93 in Yokohama Japan, pages 106-109.	

Examiner Signature	/Robert Kunemund/	Date Considered	05/31/2006
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60238277 v1

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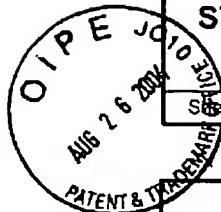
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/810,350
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First Named Inventor	Hansen, Carl L.
Art Unit	1732
Examiner Name	Unassigned
Attorney Docket Number	20174C-004960US

**U.S. PATENT DOCUMENTS+**

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
RK	1	WO	99/04361	A1	01-28-1999	Gester et al.		
RK	2	WO	00/00678	A1	01-06-2000	Hol et al.		
RK	3	WO	01/09595	A2	02-08-2001	Stewart et al.		
RK	4	WO	01/09595	A3	02-08-2001	Stewart et al.		

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60288564 v1

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/810,350
				Filing Date	March 26, 2004
				First Named Inventor	Hansen, Carl L.
				Art Unit	1732
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	20174C-004960US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RR	5	Ward et al., Automatic Preparation of Protein Crystals Using Laboratory Robotics and Automated Visual Inspection, Journal of Crystal Growth 90 (1988), pp. 325-339.	

Examiner Signature	/Robert Kunemund/	Date Considered	05/31/2006
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60288564 v1



PTO/SB/21 (04-04)

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/810,350	
	Filing Date	March 26, 2004	
	First Named Inventor	Hansen, Carl L.	
	Art Unit	1732	
	Examiner Name	Not Yet Assigned	
Total Number of Pages In This Submission	12	Attorney Docket Number	20174C-004960US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (2 pgs) w/attached PTO/SB/08A (2 pgs) and PTO/SB/08B (6 pgs) citing refs 1- 155. <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Townsend and Townsend and Crew LLP Kent J. Tobin	Reg. No. 39,496
Signature		
Date	8/20/04 7/26/04	

CERTIFICATE OF TRANSMISSION/MAILING

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Signature		Date	7/26/04